

LOG OF BORING D01

SHEET 1 of 1



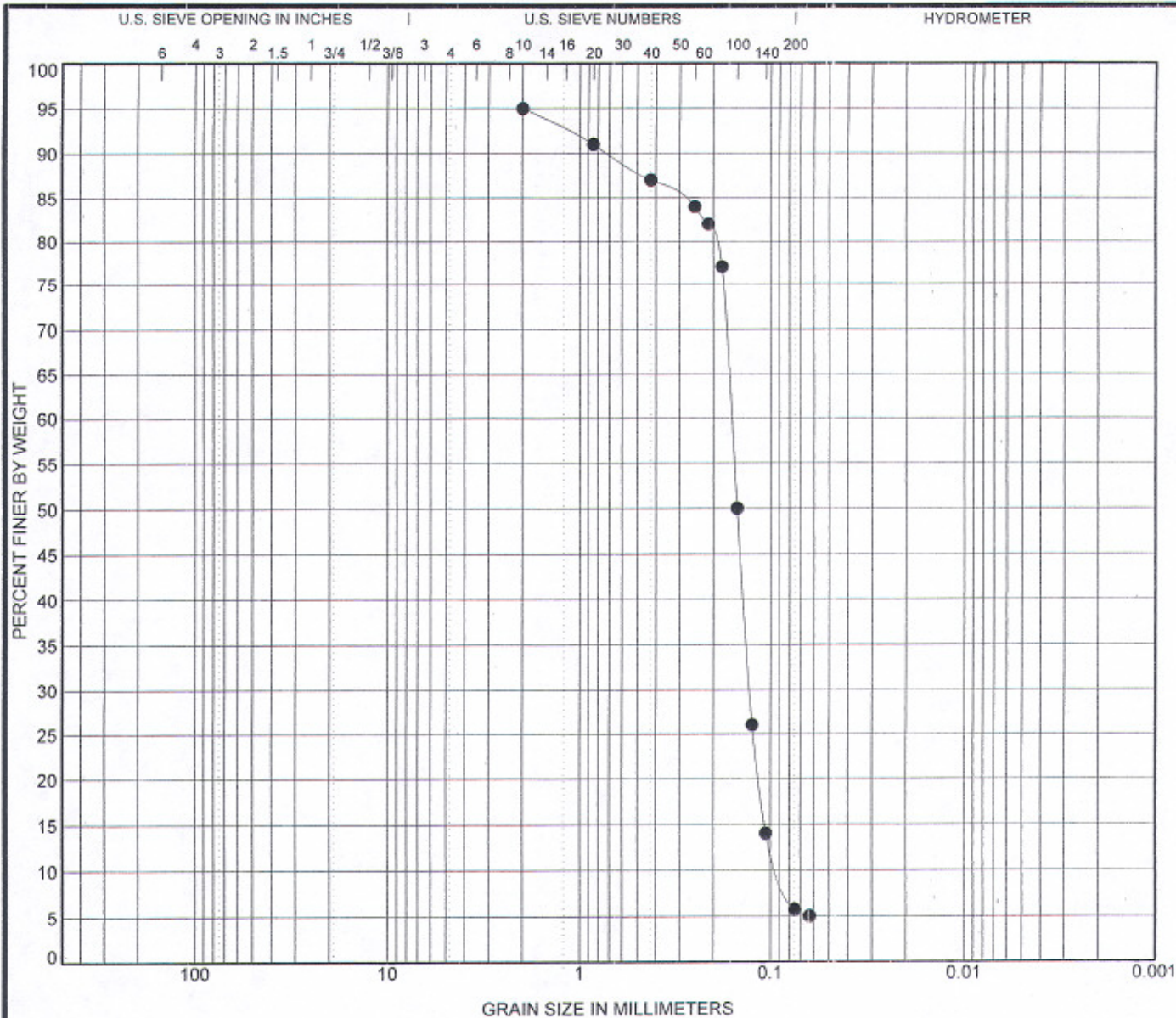
Rock Engineering & Testing Laboratory
4910 Neptune Street
Corpus Christi, TX 78405
Telephone: 361-883-4555
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CLIENT: Coast and Harbor Engineering, Inc.
PROJECT: Proposed San Luis Pass Project Phase 2
LOCATION: W. Galveston Bay; Freeport, Texas
NUMBER: G106505

DATE(S) DRILLED: 9/21/06 - 9/21/06

FIELD DATA		LABORATORY DATA								DRILLING METHOD(S): Disturbed Samples	
SOIL SYMBOL	DEPTH (FT)	SAMPLE NUMBER	SAMPLES	N: BLOWS/FT P: TONS/SQ FT T: TONS/SQ FT PERCENT RECOVERY/ ROCK QUALITY DESIGNATION	MOISTURE CONTENT (%)	ATTERBERG LIMITS			DRY DENSITY POUNDS/CU.FT	COMPRESSION STRENGTH (TONS/SQ FT)	MINUS NO. 200 SIEVE (%)
						LIQUID LIMIT LL	PLASTIC LIMIT PL	PLASTICITY INDEX PI			
											GROUNDWATER INFORMATION: Groundwater encountered at 1' during drilling. Dry and caved at 1' upon completion of drilling operation.
											SURFACE ELEVATION: N/A
											DESCRIPTION OF STRATUM
		SS S-1	N = 17								6 <u>POORLY GRADED SAND</u> , 2.5Y 5/2 gray brown, medium.
	5	SS S-2	N = 20								Same as above, 2.5Y 5/2 gray brown.
		SS S-3	N = 6								9 Same as above, 2.5Y 4/1 dark gray, loose.
	10	SS S-4	N = 3								<u>POORLY GRADED SAND</u> , 2.5Y 3/1 very dark gray, very loose.
		SS S-5	N = 9								Same as above, 2.5Y 3/2 very dark gray brown, loose.
	15	SS S-6	N = 19								Same as above, 2.5Y 3/1 very dark gray, medium.
	20	SS S-7	N = 12								6 <u>POORLY GRADED SAND</u> , 2.5 4/1 dark gray, medium.
		SS S-8	N = 5								Same as above, 2.5 4/1 dark gray, loose.
	25										Boring terminated at a depth of 25' below the ground surface.
N - STANDARD PENETRATION TEST RESISTANCE P - POCKET PENETROMETER RESISTANCE T - POCKET TORVANE SHEAR STRENGTH										REMARKS: Soil Sampling performed by Envirocore, Inc, a drilling subcontractor to RETL, at N29.0799 deg W95.1265 deg.	

LOG OF BORING G106505.GPJ ROCK ETL.GDT 10/18/06



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

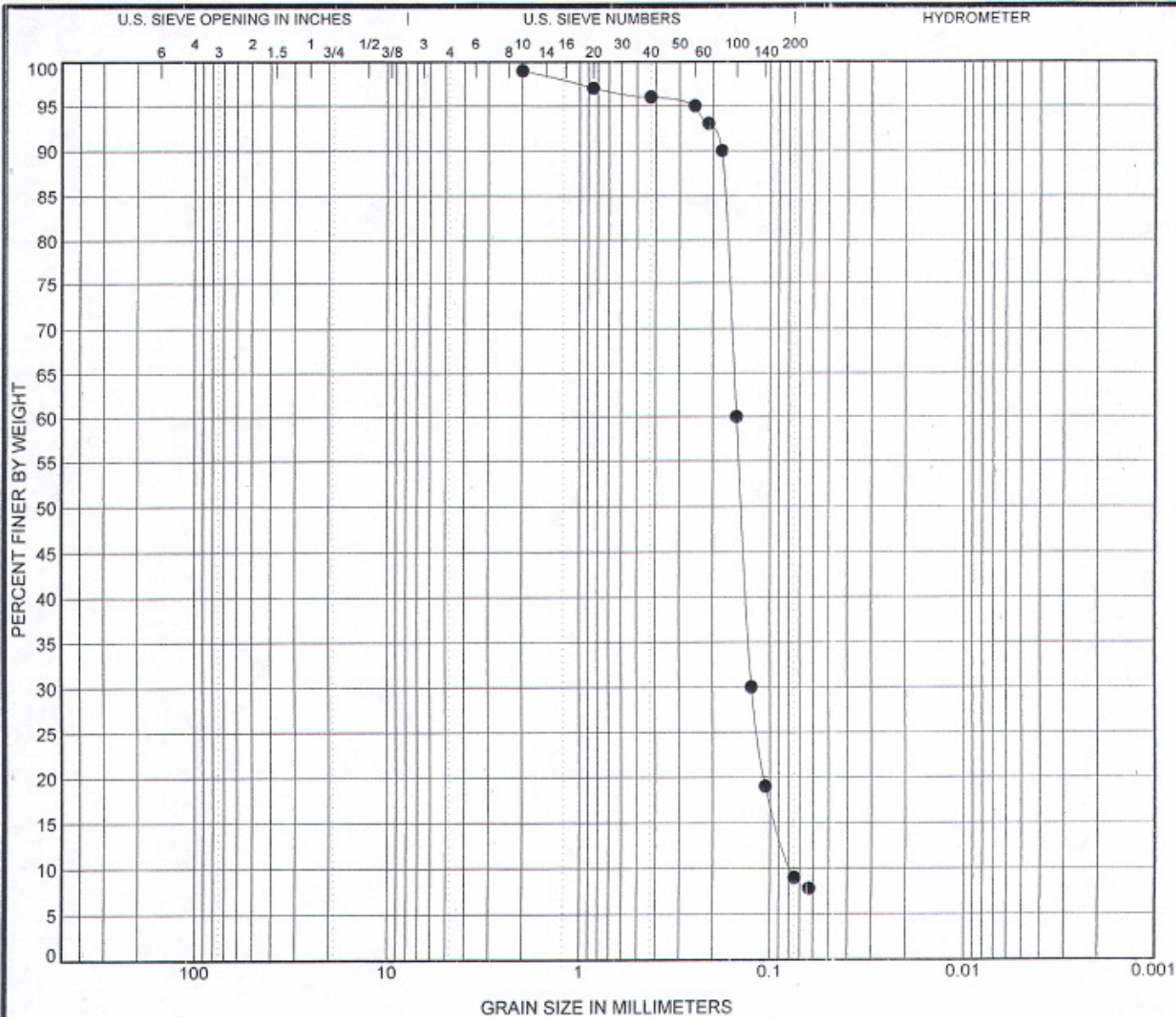
Specimen Identification		Classification				LL	PL	PI	Cc	Cu
● D01	1.0								1.15	1.79
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
● D01	1.0	2	0.16	0.129	0.09	0.0	89.3	5.7		



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GRAIN SIZE DISTRIBUTION

Project: Proposed San Luis Pass Project Phase 2
Location: W. Galveston Bay, Freeport, Texas
Number: G106505



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● D01 6.0					1.34	1.93

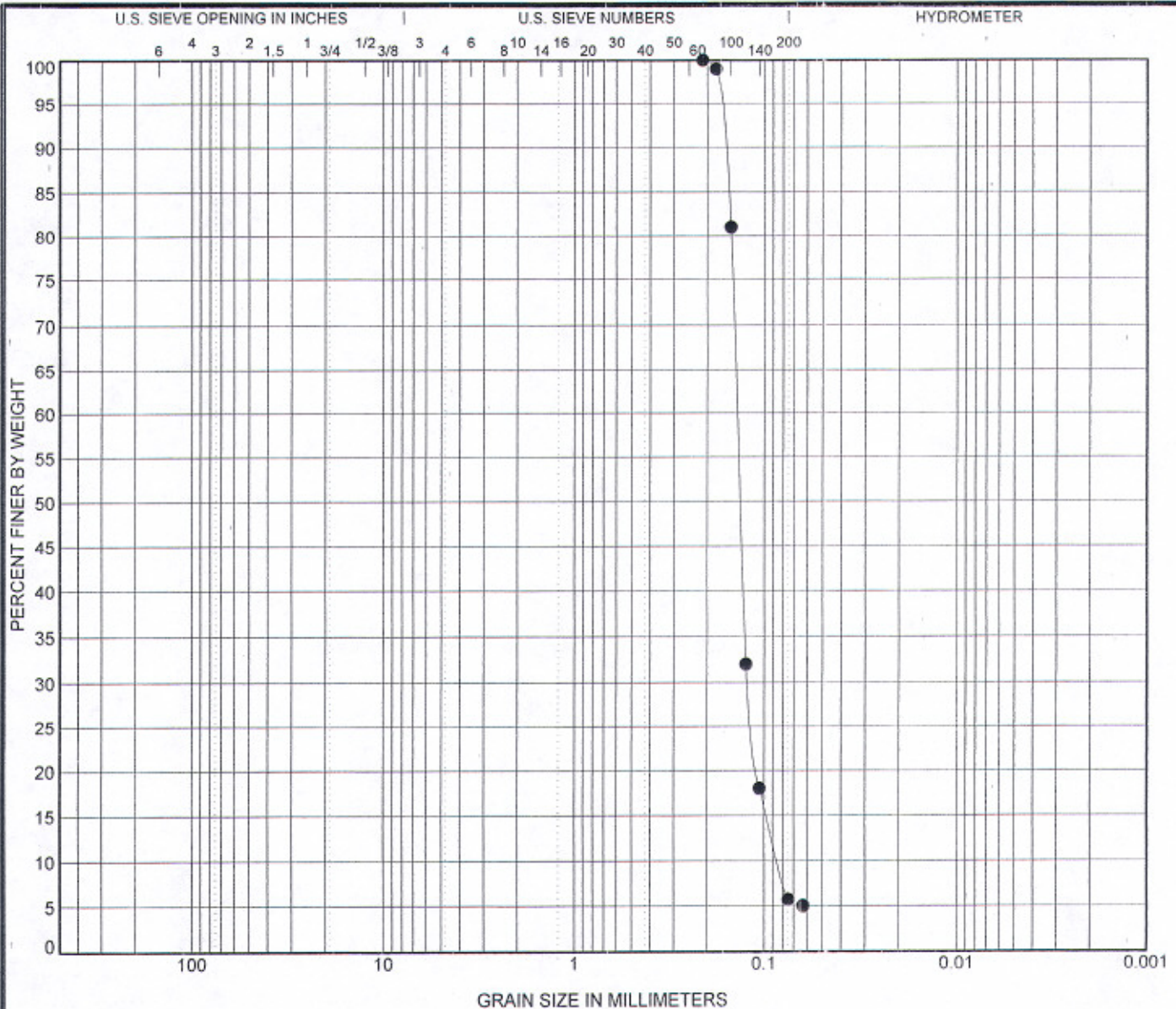
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● D01 6.0	2	0.15	0.125	0.078	0.0	90.0	9.0	

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification		Classification				LL	PL	PI	Cc	Cu
●	D01	18.5							1.27	1.64
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
●	D01	18.5	0.212	0.139	0.122	0.085	0.0	94.3	5.7	

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